

Abstract

The invention relates to a multipole overvoltage protection system for a polyphase power supply network. The inventive system comprises four overvoltage protection elements (1), one overvoltage protection element (1) being arranged in each branch (2, 3, 4, 5) of the power supply network. According to the invention, a multipole overvoltage protection system which can be reliably operated and has a simple structure can be created by coupling the individual overvoltage elements to each other in such a way that when one overvoltage protection element (1) is started, all of the other overvoltage protection elements (1) are also started.